



SIMPLEX ENGINEERING & FOUNDRY WORKS PVT. LTD.

ESTD. SINCE 1941

AT A GLANCE

Central India's premier engineering facility, offering comprehensive solutions backed by state-of-the-art facilities.



- 1200 STRONG WORKFORCE
- MORE THAN 300 MACHINE TOOLS
- SINGLE FABRICATION UP TO 80 TONNES
- EQUIPMENT AND SPARES FOR CORE SECTORS
- BUILDING STRUCTURES & TECHNOLOGICAL STRUCTURES
- 3 STATE-OF-THE-ART MANUFACTURING UNITS SPREAD OVER 100 ACRES OF LAND

We serve

- | | | | |
|----------|---------|--------------|-------------------------|
| STEEL | HYDEL | CEMENT | MATERIAL HANDLING |
| RAILWAYS | WIND | DEFENCE | INFRASTRUCTURE |
| MINING | THERMAL | HYDROCARBONS | SPONGE IRON PLANT (DRI) |

A Legacy of 8 Decades:

Engineering Excellence,
mpowering Industries,
levating the Nation.

FOR MORE INFORMATION

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FABRICATION FACILITIES



View of Heavy Fabrication Shop



Control Assembly of Coal Pulverizing Mills



Top Charging Equipment for Blast Furnace



Balling & Mixing Drum for Sinter Plants



Stacker Reclaimer Structure



Steel Dome for Hot Stoves for BF



Freight Wagons

PLATE CUTTING M/C
PLATE BENDING
CIRCULAR SAW
CNC HYDRAULIC PRESS BRAKE
CNC PLATE DRILLING
WELDING
WELDING ROBOT
WELDING BOOM & COLUMN
IRON WORKER
STRESS RELIEVING FURNACE
PAINT BOOTH

- CNC PLASMA - 32 mm, FLAME - 200 mm
- UP TO 100 mm THICK X 3000 mm WIDE
- 1000 mm
- 400 t
- up to $\phi 63$ mm, SIZE - 2000 x 1500 mm
- TIG, MIG, SAW, SMAW
- WITH ARM 2000 mm
- 6000 x 4000 mm
- 20 mm PUNCHING & SHEARING
- 4000 x 6000 x 9000 mm
- 3000 x 6000 x 9000 mm



MACHINE SHOP FACILITIES



Horizontal Boring Machine

Max Spindle Dia 230 mm
Horizontal Travel upto 18000 mm
Vertical Travel upto 6000 mm
CNC Turn table 3500 x 3500 mm
12 nos



Vertical Turning Machine

Max Dia 8000 mm
Max height up to 5500 mm
10 nos



CNC Plano Miller

5 axis Gantry type Plano Miller,
table size 7000 x 3600 mm
5 axis Travelling bed Plano miller,
table size 8000 x 2800 mm
4 nos



Horizontal Lathes

Max chuck Dia 760 mm
Distance Between centres
7000 mm
Swing over bed 1000mm
8 nos



View of Light & Medium Machine Shop



View of Heavy Machine Shop



Metallurgical Laboratory

Destructive & Non-Destructive Testing Laboratory

- Radiographic Testing
- Ultrasonic Testing
- Magnetic Particle Testing
- Dye Penetrant Testing

Hydro Testing Facility up to 500 Kg/cm²

Gantry Type Coordinate Measuring Machine (CMM)

6000 x 3000 x 2000 mm

S I M P L E X

A C C R E D I T A T I O N S



COMMITTED TO QUALITY EXCELLENCE WITH OUR STRINGENT POLICIES



UNIT - I LIGHT & MEDIUM FABRICATION / MACHINING / ASSEMBLY SHOP

SHOP FACILITIES

Capacity - 9000 MT/year
Plot Area - 32293 m²
Covered Area - 23166 m²
Machines - 110 nos
EOT Cranes - 50/30/10/5 MT
Mobile Cranes - 20/10/5 MT

FEATURED PRODUCTS

Underground Mining Equipment (SDL / LHD / UDM)
Grab Buckets For Various Applications
Sucker Rod Pumping Unit For Oil & Gas
Components For Railway Traction Motor
Engine Block / Crank Case For Diesel Locomotive
Components Of Heavy Dumpers And Dozers



UNIT - II HEAVY FABRICATION / MACHINING / ASSEMBLY SHOP

SHOP FACILITIES

Capacity - 18000 MT/year
Plot area - 50200 m²
Covered area - 37650 m²
Machines - 100 nos
EOT cranes - 80/50/30/15/5 MT
Mobile cranes - 15/12/10 MT

FEATURED PRODUCTS

Components for Wind Mill & Hydro Plants
Equipment & Components for Steel Plants
Coal Grinding Mill for Thermal Power Plants
Special Purpose Cars (Rolling Stock)
Mechanical Equipment For Sponge Iron (DRI)



UNIT - III HEAVY FABRICATION / MACHINING / ASSEMBLY SHOP

SHOP FACILITIES

Capacity - 30000 MT/year
Plot area - 123001 m²
Covered area - 49192 m²
Machines - 90 nos
EOT cranes - 50/30/15/5 MT
Mobile cranes - 15/12/10 MT

FEATURED PRODUCTS

Fabricated Bogie Frames for Locomotives & Coaches
Equipment & Components for Defence
Track Relaying Portals for Railways
Pressure Vessels
Mechanical Components for Stacker / Reclaimer / Spreader



REGISTERED OFFICE

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